#### CIA-RDP86-00513R002064830008-0 "APPROVED FOR RELEASE: 07/19/2001

SOV/137-58-9-18667

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 73 (USSR)

Babiy, A.S., Sapiro, D.I., Zhmak, S.I., Kravtsov, G.Ye. AUTHORS:

On the Causes for the Formation of Cracks in Tube Ingots (K TITLE:

voprosu o prichinakh obrazovaniya treshchin na trubnykh

slitkakh)

V sb.: Staleplavil'n. proiz-vo. Moscow, Metallurgizdat, PERIODICAL:

1958, pp 115-126

A statistical analysis of data from melt data sheets is used to determine the influence of the major procedural factors upon ABSTRACT:

rejection of tube ingots due to longitudinal cracks. The following factors contribute to crack formation: After-teeming of molten pig iron, which gives rise to an increase in the temperature of the metal upon tapping (rejects from such heats come to 10.1%, 6.2% being due to cracks); an increase in the duration of the pure boil period; and increase in metal temperature. 0.85-1.1 kg Al/t for steel deoxidation, [S] within the limits investigated (0.028-0.043%), and the Mn/S ratio do not affect the quan-

tity of cracks in ingots. Cracks form primarily as the result of

failure of the linear rate of filling of the molds with metal to Card 1/2

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On the Causes for the Formation of Cracks in Tube Ingots

correspond to their temperature. It is found that the temperature of the metal on tapping should be 1510-1520°C in the runner (pyrometer reading), the pure boil should last <50 min, and pouring rate should be 0.15-0.20 m/min. Substitution of bunker oil for carbonaceous lacquer as the mold coating reduces ingot rejects almost 50%. Fe-Ti proved to be effective in the deoxidation of the metal. To prevent the formation of hot cracks in round ingots due to the erosion of globulite skin and the uneven distribution of metal temperature across the ingot cross section (due to a nonvertical direction of the stream on emerging from the buffer brick) it is recommended that a stream-equalizing nozzle be employed.

L.K.

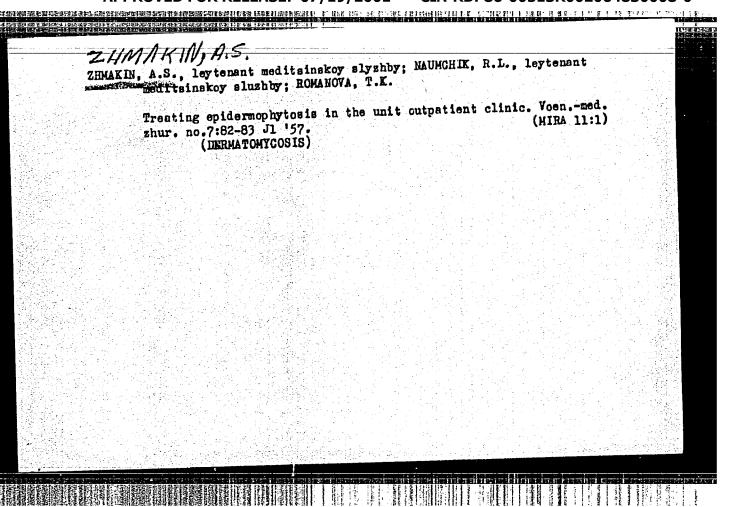
1. Steel tubing--Fracture 2. Data--Statistical analysis

Card 2/2

ZHNAKIN, A.N., inzh.; KLEYN, P.N., inzh.

Guarantee of adequate safety in electroplating shops. Prom. energ. 20 no.12:24-25 D'65.

(MIRA 18:12)



137-58-6-12654

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 211 (USSR)

Zhmakin, D., Klanin, I., Postnikov, A. **AUTHORS:** 

A Method of Establishing Firm Time Standards for Welding and TITLE:

Casting Operations (Metodika sozdaniya ukreplennykh norma-

tivov na svarochnyye i liteynyye raboty)

Sots. trud, 1957, Nr 8, pp 88-92 PERIODICAL:

Methodological instructions prepared by the heavy-mach-ABSTRACT: inery VPTI for establishment of time standards based on motion

study for welding and casting operations are presented. Consolidated time standards (TS) for welding jobs are developed on the basis of specific quotas for the component operations. Depending upon the degree of consolidation, the standards may fall into three categories: 1. TS for the complex of operations and change-overs performed by the welder. An example is given of the compilation of a TS for the complex of operations involving non-operative time in setting up an automatic welder at the start of a seam and shutting it off after the weld is made.

2. TS for actual working time only in welding one running meter

of weld. All the elements of the unit-of-production time quota Card 1/2

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A Method of Establishing Firm Time Standards for Welding (cont.)

are classified into two groups in accordance with the length of the weld and in accordance with the product and the operation of the equipment. 3. Standard quotas for "per-piece" time, developed on the basis of the standard production precesses and time standards for component operations. Time quotas for casting operations are set on the basis of analysis and systematization of the results of stop-watch studies of the individual elements in the production process.

N.G.

1. Welding-Standards 2. Foundries-Standards 4. Industrial production-Standards

3. Labor -- Performance

Card 2/2

GITLEVICH, A.D.; ZHIVOTINSKIY, L.A.; ZHMAKIN, D.F.; FAL'KEVICH,
A.S., kand.tekhn. nauk, retsenzent; CHIKUWOV, A.I., inzh.,
retsenzent; TYURIN, V.F., inzh., red.; PETUKHOVA, G.N.,
red.izd-ve; MODEL', B.I., tekhn.red.

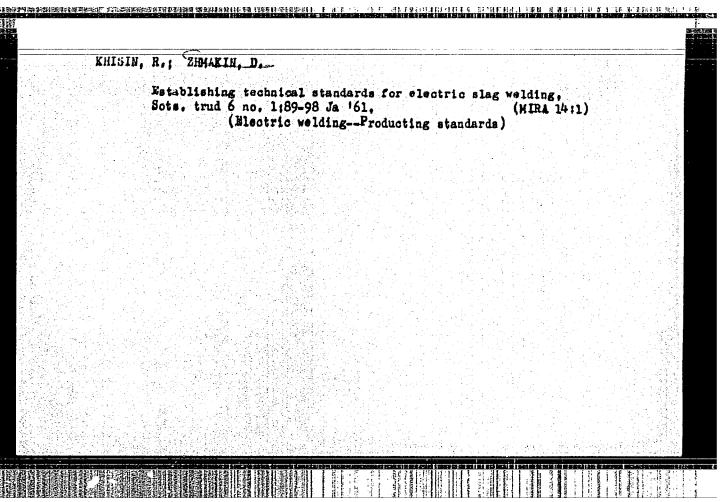
[Work standards based on technical data for welding engineer-

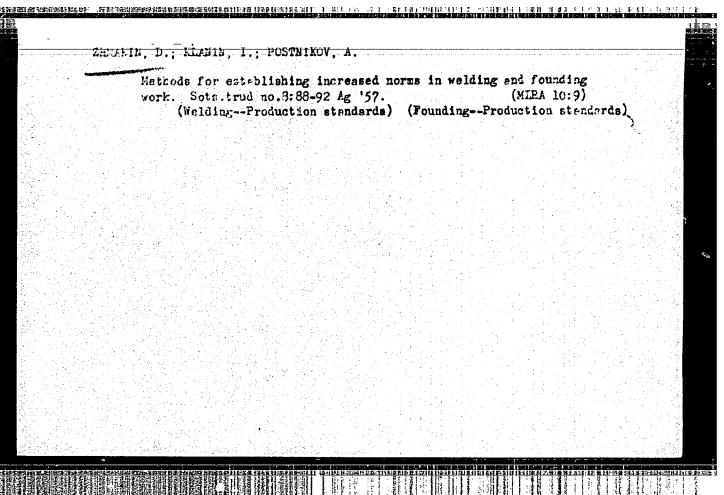
[Work standards based on technical data for welding engineering processes] Tekhnicheskoe normirovanie tekhnologicheskikh protsessov v svarochnykh tsekhakh. [By]A.D.Gitlevich i dr. Moskva, Mashgiz, 1962. 170 p. (MIRA 16:3) (Welding-Production standards)

GITLEVICH, A.D.; ZHARKIN, D.F.; KLANIN, I.N., YAROVINSKIT, L.M., laureat
Stalinskoy premil; Fetsenzent; KHISIN, R.I., redaktor; MATVBYEVA,
Te.N., tekhnicheskiy redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Technical standardisation of arc velding processes in machinery construction] Tekhnicheskoe normirovanie protessaov dugovoi elektrosvarki v mashinostroomii. Pod. red. R.I.Khisina. Moskva, Gos. nauchnotekhn. izd-vo mashinostroit. lit-ry, 1954. 212 p. (MLRA 8:3)

(Electric welding)





VOL'SKIY, V.S., inzh.; MARKOVA, V.I., tekhnik; ZHMAKIN, D.F., inzh.; GRINBERG, R.Ya., inzh., red.; SMIRNOVA, G.V., tekhn. red.

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[General time norms used in the machinery industry for technical standardization of preparatory work on metal elements; smal-lot and piece production]Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia zagotovitel'nykh rabot po metallokonstruktsiiam; melkoseriinoe i edinichnoe proizvodstvo.

Moskva, Mashgiz, 1962. 102 p. (MIRA 15:12)

1. Moscow. TSentral nove byuro promyshlennykh normativov po trudu. 2. Vsesoyuznyy proyektno-tekhnologicheskiy institut Ministerstva transportnogo mashinostroyeniya SSSR (for Zhmakin, Markova, Vol'skiy).

(Machine-shop practice-Production standards)

Norms for th	e standardiza	tion of operati	one in subme	rged arc w	elding	
lit-ry, 1954	. 142 p. (55-2	1. izd-vo mashi 27 <b>5</b> 08)	no-stroit.			
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ALEKSEYEV, S.A.; ZHMAKIN, D.F.; KEREKESH, V.V.; MALOV, A.N.;

MARTSINOVSKIY, P.L.; MOLOTOK, A.V.; HESMELOV, V.A.;

TEVEROVSKIY, P.A.; KHISIN, R.I.; DELITSIN, A.A., retsenzent;

SOKHNOVSKIY, M.A., retsenzent; STEFANOV, V.P., retsenzent;

STOROZHEV, M.V., retsenzent; TALANOV, P.I., retsenzent;

PAL'KEVICH, A.S., retsenzent; CHERNUSHEVICH, V.A., retsenzent;

KHISIN, R.I., red.; GAL'TSOV, A.D., red.; VOL'SKIY, V.S., red.;

STRUZHESTRAKH, Ye.I., red.; SEMENOVA, M.M., red. izd-va; MODEL',

B.I., tekhn. red.

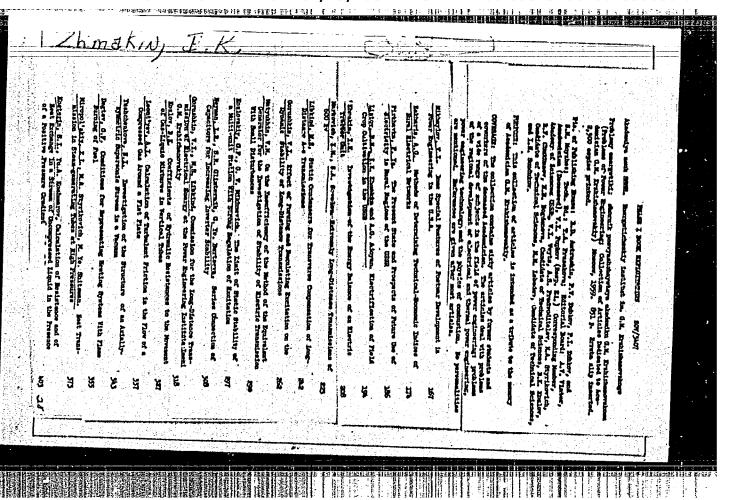
[Manual for the establishment of norms in the machinery industry in 4 volumes] Spravochnik normirovshchika-mashinostroitelia v 4 torakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol.3. [Establishing norms for founding, stamping, welding, painting, metal plating, and woodwork] Normirovanie liteinykh, kuznechnykh, shtampovochnykh, svarochnykh, lakokrasochnykh rabot, metallopokrytii i derevoobrabotki. 1962. 671 p.

(MIRA 15:4)

(Machinery industry-Production standards)

# PALASHOVA, N.A.; ZHMAKIN, G.G. Extent of ion adsorption on platinum as affected by the thermal and mechanical treatment of the surface. Dokl. AN SSSR 143 no.21358-361 Mr '62. (MIRA 15:3) 1. Institut elektrokhimii AN SSSR. Predstavleno akademikom A.N.Frumkinym. (Adsorption) (Metals—Finishing)

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USSR / Human and Animal Physiology. Motabolism. Ţ : Ref Zimr - Biol., No 15, 1958, No. 69778 Abs Jour Author : Zhmakin, I. K. Inst I Not given spintally described and and thin, but cases of Titlo : The Reflex Mochanism of the Specific Dynamic Action of Food correct from the prosperative correspond to decrease the recent, can embry received to act should have be Orig Pub : Byul. okaporim. biol. 1 mod., 1957, Vol 43, No 5, 39-42 rest countries that action countries bearing to the explanate by Indian, those freedings could be be Derberten published Abstract : Studies were made of the features of specific-dynamic action of food in dogs following extirpation of the cortex of either one or both cerebral hemispheres using the method of determination of gas exchange recommended by Douglas and Haldane, and by Tsunts and Haldane. Removal of the cortex of one homisphere led to a cortain prolongation of the period of elevated 02 consumption. The maximum 02 consumption came on slightly earlier and was only slightly different in magnitude from that in the preoperative state. Card 1/2 11

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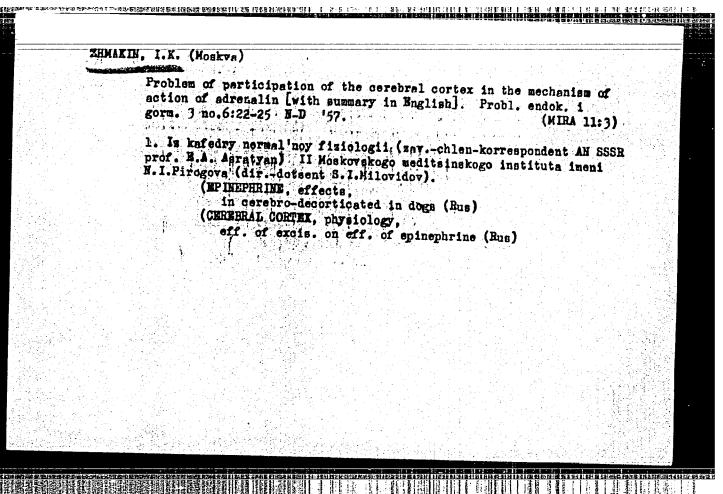
ZHMAKIN, I.K., kand.meditsinskikh nauk

B.F. Verigo, distinguished scientist. Zdrav. Belor. 6 no.8173-74
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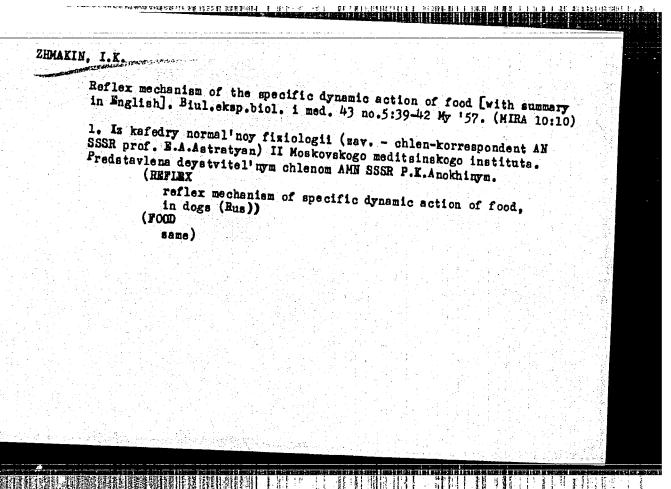
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1. Kafedra normal'noy fiziologii (zaveduyushchiy - professor N.I.
Arinchin) Grodnenskogo meditsinskogo instituta.

(VERIGO, BRONISLAV FORTUNATOVICH, 1860-1925)



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ZHAKIN, K.N., prof.

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1. Is kafedry akusherstva i ginekologii (sav. - prof. K.N.
Zhmakin) I Koskovskogo ordena Lenina meditsinskogo instituta
imeni L.M. Sechenova. (STILLBIRTH)

ZHMAKIN, K. N.	PA 63/49T37
	USSR/Medicine - Literat/me . Feb 49 Medicine - Surgery
	"Review of I. L. Braude's Book, 'Emergency Surgery in Obstetrics and Gynecology,'" K. N. Zhmakin, 3/4 p.
	"Akusher i Ginekol" No 2
	Handbook for doctors telling what to do in case of injury, hemorrhage, etc., and for tumors or cancer. Published by Medgiz, 1947, 320 pp. This is a second printing and has expanded sections on pathological gynecology and obstetrics.
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# ZHMAKIN, K.N.

# ZIMAKIN, K. N.

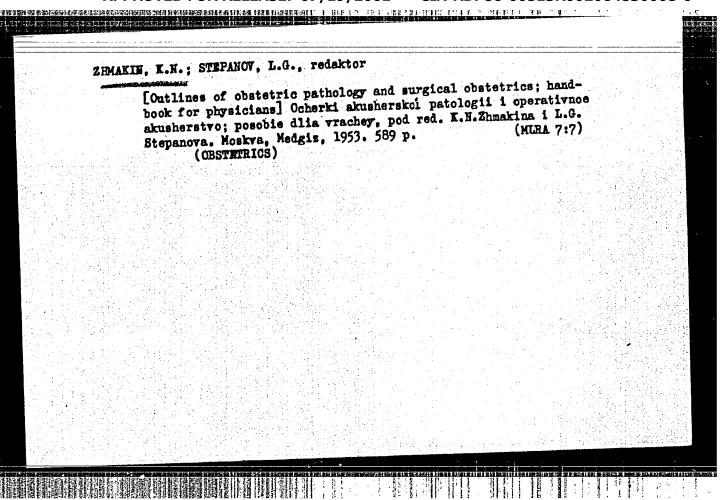
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ABRAMYAN, A.Ya., prof.; BUSALOV, A.A., prof.; VELIKORETSKIY, A.N., prof.; CROZDOV, D.M., prof.; DORMIDONTOVA, K.V., dots.; ZHMAKIN, K.N., prof.; KORNEV, P.G.; LEVIT, V.S.prof. [deceased]; LIKHACHEV, A.G., prof.; LOBACHEV, S.V., prof.; MOLODAYA, Ye.K., prof.; PETROV, B.A.; PRIOROV, N.N. [deceased]; SALISHCHEV, V.E., prof. [deceased]; SAPOZHKOV, P.I., prof. [deceased]; TERNOVSKIY, S.D. [deceased]; FAYERMAN, I.L., prof., zasl. deyatel nauki; CHAKLIN, V.D.; CHENTSOV, A.G., prof. [deceased]; CHERNAVSKIY, V., prof.; SHADURSKIY, K.S., prof.; SHAKHBAZYAN, Ye.S., prof.; VELIKORETSKIY, A.N., prof.; red.; GORELIK, S.L., dots., red.; YELANSKIY, N.N., red.; STRUCHKOVA, V.I., red.; RYBUSHKIN, I.N., red.; BUL'DYAYEV, N.A., tekhn. red.

[Surgeon's manual in two volumes] Spravochnik khirurga v dvukh tomakh. Moskva, Medgiz. Vol.2. 1961. 642 p. (MIRA 17:4)

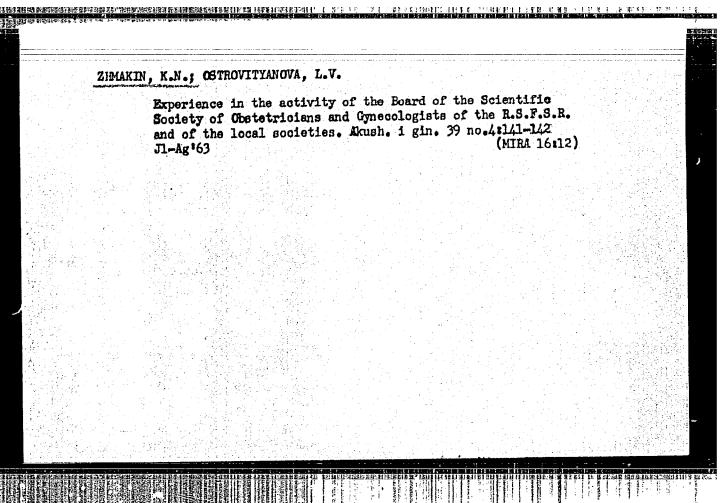
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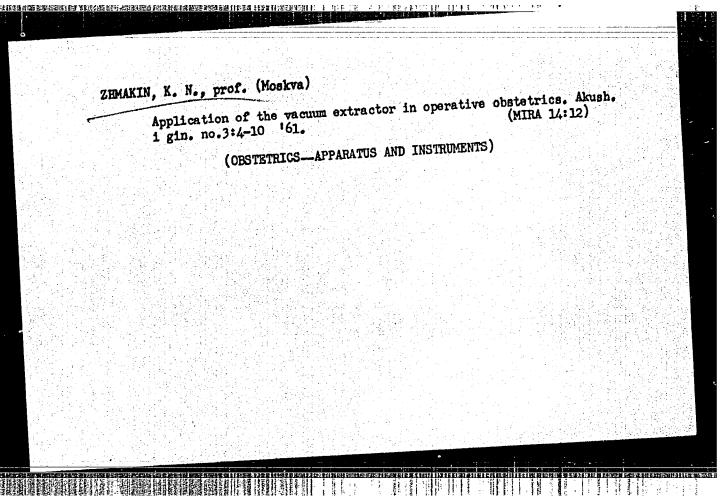
GURTOVOY, L.Ye., prof.[deceased]; IVANITSKAYA, Ye.P., doktor med.
nauk; MAZHBITS, A.M., prof.; PREYSMAN, A.B., prof.;
STARTSEVA, L.N., kand. med. nauk; TRUYEVTSEVA, G.V., kand.
med.nauk; SHUB, R.L., zasl. deyatel' nauki Latviyskoy SSR
prof.; YAGUNOV, S.A., prof.[deceased]; PERSIANOV, L.S., prof.,
otv. red.; ZHMAKIN, K.N., prof., zasl. deyatel' nauki RSFSR,
red.; RYABOV, G.Z., red.; ROMANOVA, Z.A., tekhn. red.

[Multivolume manual on obstetrics and gynecology] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii. Moskva, Medgiz. Vol.4. Book 1. [General gynecology] Obshchaia ginekologiia. 1963. 674 p. (MIRA 16:9)

1. Chlen-korrespondent Akademii meditsinskikh nauk (for Yagunov, Fersianinov).

(GYNECOLOGY)





BULAVINTSEVA, A.I., kand. med. nauk; KAZANSKAYA, N.I., kand.med. nauk;

KASHINSKIY, A.V., kand. med. nauk; LIPMANOVICH, S.G., kand.

med. nauk; NARBUT, Ye.I., kand. med. nauk; POKROVSKIY, V.A.,

zssluzhennyy deyatel' nauki RSFSR, prof.; ROMANOVSKIY, R.M.,

kand. med. nauk; TUMANOVA, Ye.S., prof.; YAKOVIEV, I.I.,

zasluzhennyy deyatel' nauki RSFSR, prof.; LANKOVITS, A.V., prof.,

nauchnyy red.; PERSIANINOV, L.S., prof., otv. red.; HEKKER, S.M.,

prof., red.; BELOSHAPKO, P.A., prof., red.; LEBEDEV, A.A.,

prof., red.; ZHORDANIA, I.F., prof., red.; LEBEDEV, A.A.,

prof., red.; MANENKOV, P.V., prof., red.; STEPANOV, L.G., kand.

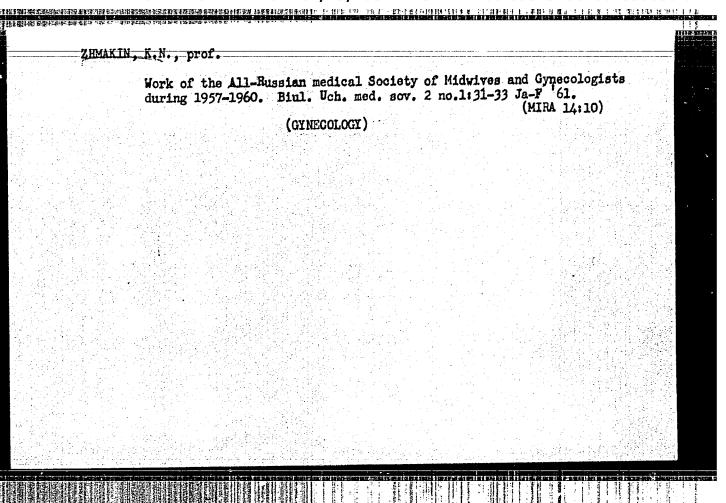
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prof., red.; PORAY-KOSHITS, K.V., red.; LANKOVITS, A.V., red.;

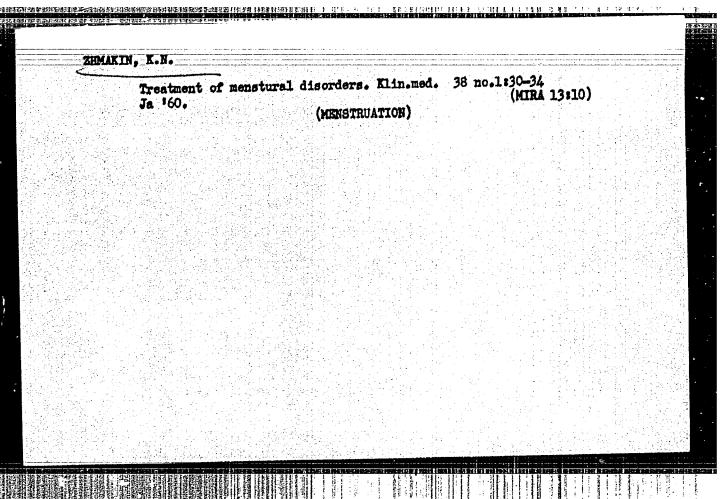
SENCHILO, K.K., tekhm. red.

[Multivolume manual on obstetrics and gynecology] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii. Moskva, Gos.izd-vo med. lit-ry. Vol.6. 1961. 679 p. (MIRA 15:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Persianinov, Beloshapko, Figurnov).
(OBSTETRICS-SURGERY) (GYNECOLOGY, OPERATIVE)



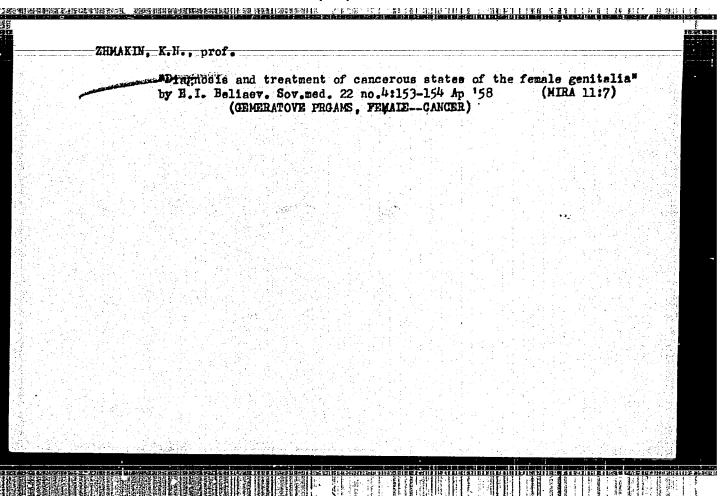
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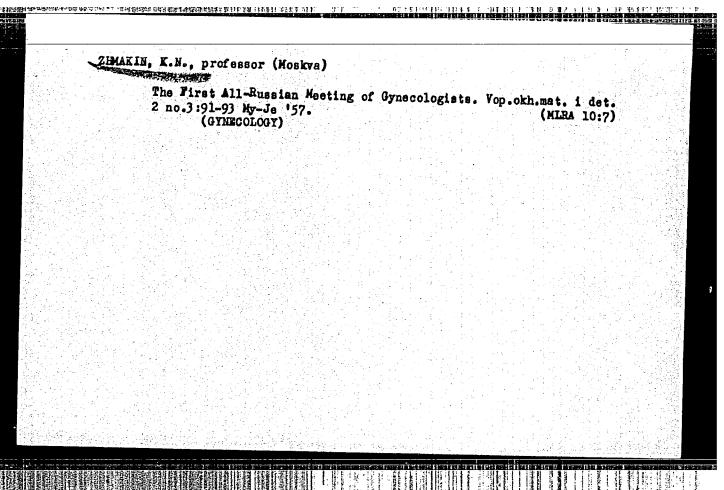
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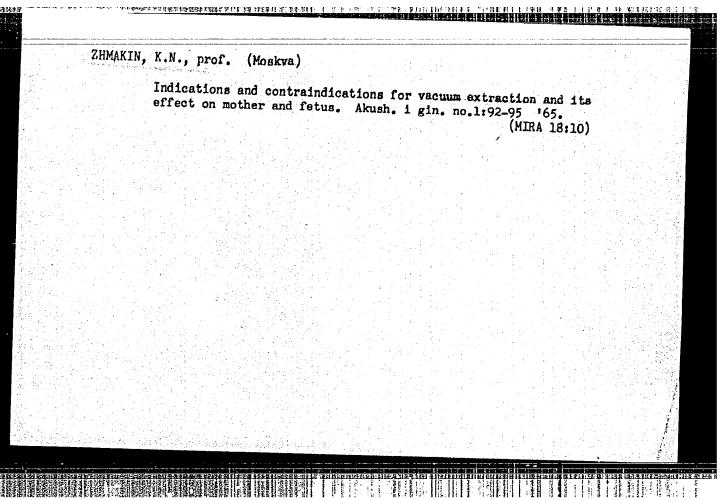
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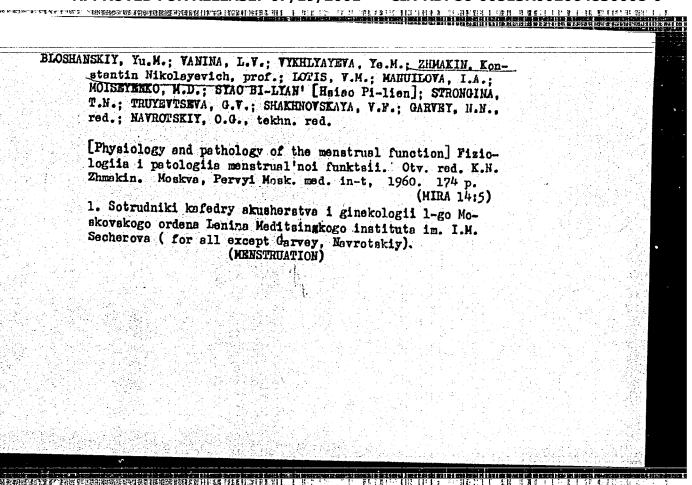


ZHMAKIN,	K.N.: OSTROVITYANOVA, L.V. (Moskva)
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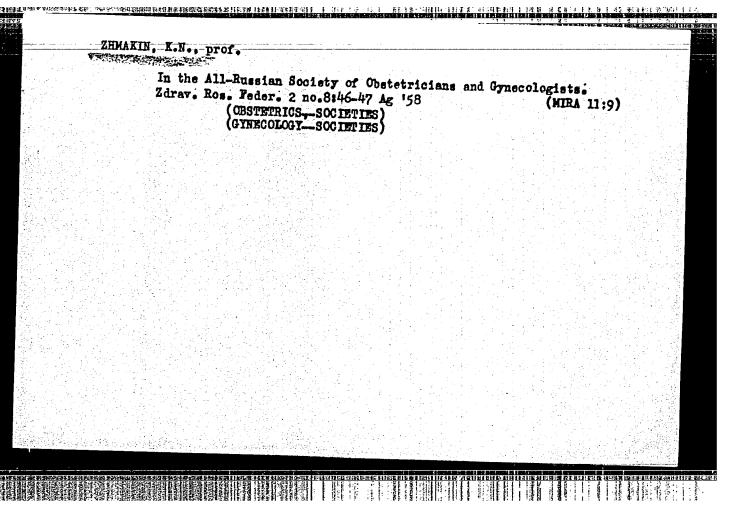


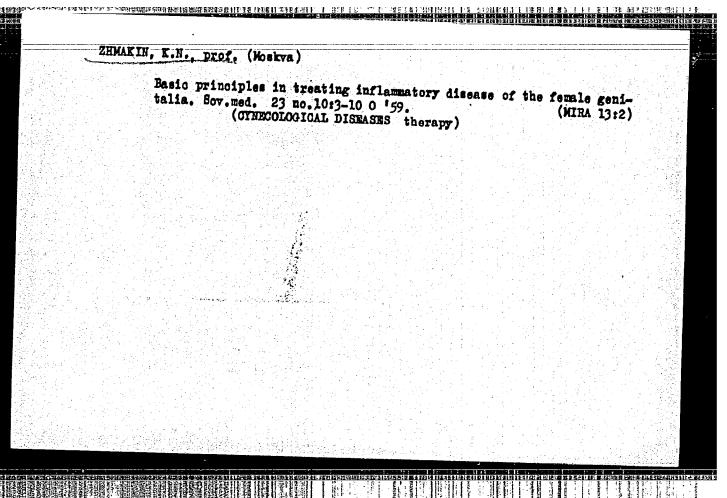


germanningerse schmischen beider beit beit der bestehende ge-BODYAZHINA, Vera Il'inichna, prof.; ZHMAKIN, Konstantin Nikolayevich, prof.; GRYAZHOVA, I.M., red.; BEL CHIKOVA, Yu.S., tekhn. Fed. [Textbook of gynecology] Uchebnik ginekologii. Moskva, Gos. izd-vo med. lit-ry, 1958. 366 p. (MIRA 12: (MIRA 12:1) 1. Kafedra akusherstva i ginekologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova (for Bodyazhina). 2. Zaveduyushchiy kafedroy akusherstva i ginekologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova (for (GYNECOLOGY)

CIA-RDP86-00513R002064830008-0"

APPROVED FOR RELEASE: 07/19/2001





NESENCHUK, A.P.; ZHMAKIN, N.F. SEL'DIN, M.I. inch. retgenzent; SMOL'SKIY, A.M., Inzh., retgenzent OLUKHOV, B.F., kand. tekhn. nauk, retgenzent; STEPANCHUK, V.F., kand. tekhn. nauk, retsenzent; VEYNIK, A.I., prof., red.

[Course design of industrial boiler systems] Kursovoe proektirovanie kotel nykh ustanovek promyshlennykh kotel nykh.
Minsk, Izd-vo M-va vysshego, srednego spetsial nogo i professional nogo obrazovanila BSSR, 1963. 103 p.

(MIAA 18:1)

S/081/61/000/001/004/017 A005/A105

Translation from: Referativnyy zhurnal, Khimiya, 1961, No. 1, p. 279, # 1145

AUTHOR:

Zhmakin, N.P.

TITLE:

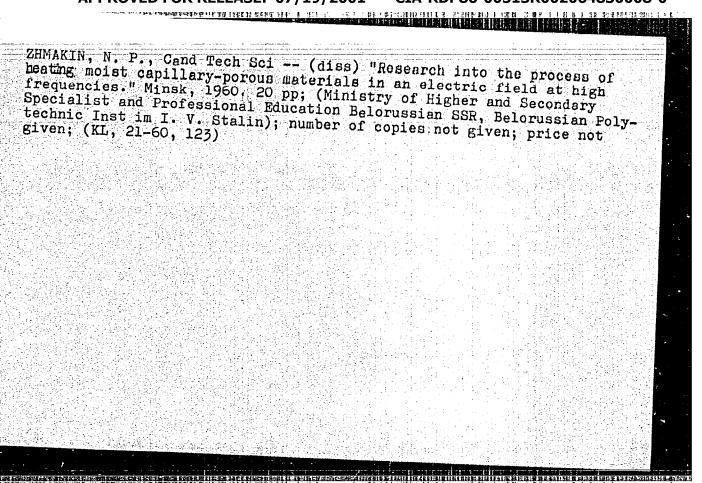
Investigation of the Heating Process of Moist Capillary-Porous

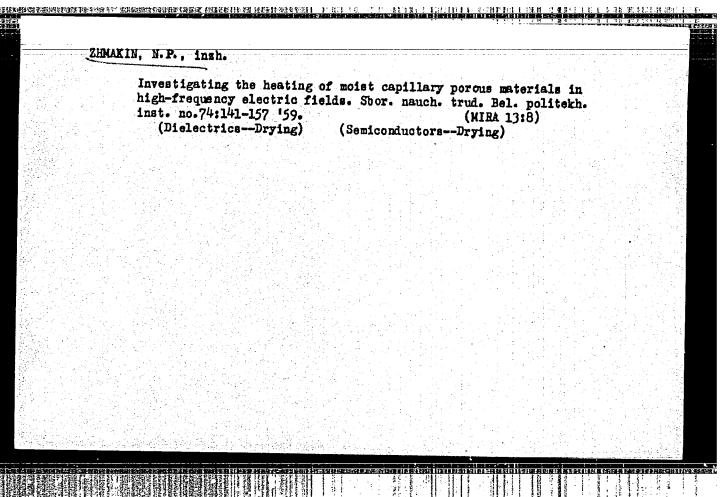
Materials in an Electric HF-Field

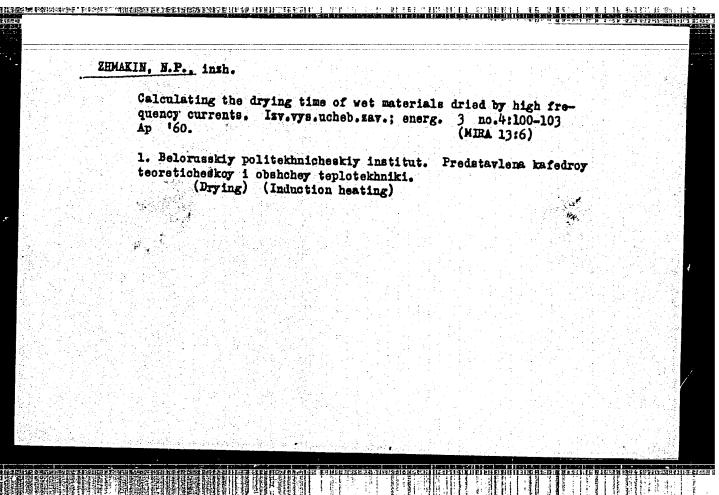
PERIODICAL.

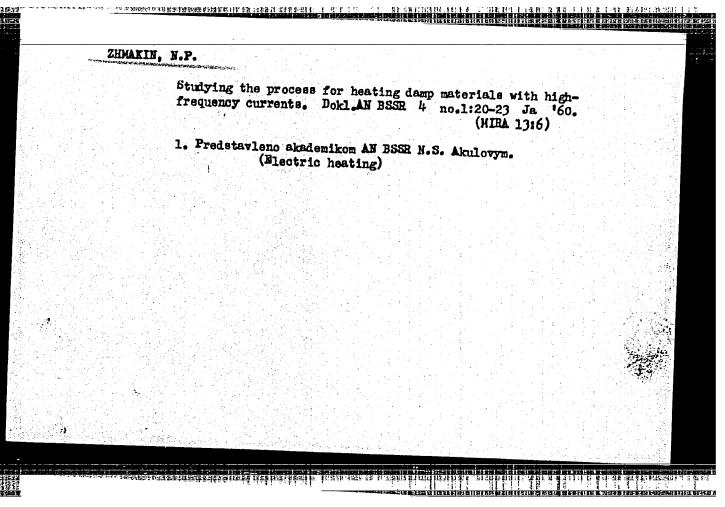
"Sb.nauchn.tr.Berlorussk.politekhn.in-t", 1959, No.74, pp. 141-157

TEXT: The author analytically and experimentally investigated the heating process of moist capillary-porous dielectrics and semiconductors by HF-currents. One can conditionally dismember the total heating cycle into three stages for approximate calculations: 1) heating of the moist body up to the boiling point of the moisture, and 2) elimination of the moisture at t-const and heating of the dry body. Equations are obtained for determining the time  $\mathcal T$  required for the heating of the body up to the prescribed temperature t, for determining the body temperature and the body moisture at a given instant, and for determining the maximum vapor gauge pressure at different body points dependently on  ${\mathcal T}$  . The application of the obtained equations is illustrated by a rated example. Translator's note: This is the full translation of the original Russian abstract. Card 1/1









USSR / Farm Animals, Cattle (Small)

Q-3

· 医克里斯氏征 · 医克克拉斯氏 · 医克斯特氏 · 医克里特氏 · 医克里特氏 · 医克里特氏 · 医克里特氏 · 医克里特氏 · 克里特 · 克里特

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7183

Author: V. I. Oryel, G. I. Smolina, T. Ye. Shilina, N.V.Zhmakina, I.I. Prikhod'ko, V.I. Fedoseyeva, O.S. Shir-yayeva, R. Sergeyeva: Starvopol Agricultural Institute

Inst Title

: The Effect of Full Value Protein Feeding on the Thickness of the Wool of Soviet Merino Ewes Two to

Orig Pub: Sb. nauchno-issled. rabot stud. Stavropol'sk. s-kh. in-t, 1956, vyp. 4, 79-81.

Abstract: With biologically full value protein feed the

active growth of wool in young ewes occurs at the age of 2 weeks to six months.

Card 1/1

19

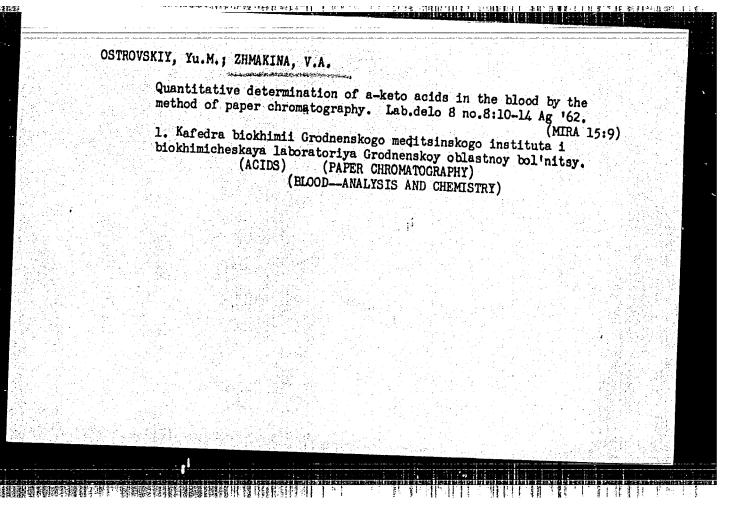
## ZHMAKINA, N. I.

Method for determining available phosphorous in carbonate-rich light-colored chestnut soils in Volgograd Province. Pochvovedenie no.7:107-109 Jl 162. (MIRA 15:10)

1. Volgogradskiy sel'skokhozyaystvennyy institut.

(Volgograd Province-Soils-Phosphorous content)

ZHMAKO,	П.М.: І	OSELEVA,	M.A.				· · · · · · ·		
	Stabili sodium 162-167	zing sand silicates '60. (Salts)		lt mixtu .nauch. stabili	erna. Del	ing into	reactions.	on with no.28: (MIRA 1)	111)
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15-57-8-11604

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,

pp 220-221 (USSR)

AUTHORS:

Zhmake, N. M., Drozd, P. A., Ioseleva, M. A.

TITLE:

Stabilizing of Sands by Chemical Methods (Zakrepleniye

peskov khimicheskimi metodami)

PERIODICAL:

Sb. nauchn. rabot. Belorus. politekhn. in-t, 1956,

Nr 54, pp 51-56

ABSTRACT:

The authors have developed a new method for surface chemical stabilization of sandy soils. The method is based on use of a Na silicate solution. The basic binding substance in silicatization of sands is not silica gel but Ca (or Mg) hydrosilicate. This fact is confirmed by tests of B. A. Rzhanitsyn who, in addition to Ca chloride, used solutions of other chlorine salts and obtained specimens which differed sharply in stability. It is not possible to form a hydrate of

Card 1/3

15-57-8-11604

Stabilizing of Sands (Cont.)

Ca (or Mg) oxide by interaction of solutions of Na silicate and Ca (or Mg) chloride, since the hydrate is more soluble than Ca (or Mg) hydro-silicate. The nature of sand stabilizing by silicatization is based on the development, between the particles of sand, of a cement consisting of insoluble silicate with an amorphous structure and capable of producing specimens which are stable in water. Na silicate in the form of a solution of 2-normal and 2.5-normal concentration (with a silicate modulus of 2.7) was used for this purpose. Sulfuric acid salts of Mg, Zn and Al, Mn, Fe and Cu, used in the form of small crystals, served as the second component of the reaction. Crystal size was from 0.25 mm to 1 mm. Fine-grained sand was used, with particles of uniform diameters and a porosity of about 40 percent. A layer of sand 10 cm thick was mixed with a properly calculated amount of sulfuric acid salt, and a solution of Na silicate of appropriate concentration was poured over it. The crystals of the sulfuric acid salt, uniformly distributed in the sand, leave passages for the flow of the soluble silicate to the necessary Gard 2/3

Stabilizing of Sands (Cont.)

15-57-8-11604

depth (10 cm); about four minutes are required for total penetration. The entire specimen hardens into a solid mass after 15 or 20 minutes. The specimens were taken out of the mold after three days and were immersed in water. They did not lose their stability even after a year's storage in water, were not changed during their submersion, and their permeability remained at 3 000 to 8 000 times below that 10 to 12 percent, is the cheapest and most suitable sulfuric acid Card 3/3

E. G. Borisova

# 2 HMAKUN. Mi.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064830008-0

USSR/Chemical Technology. Chemical Products and Their

Application - Silicates. Glass. Ceramics. Binders.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12639

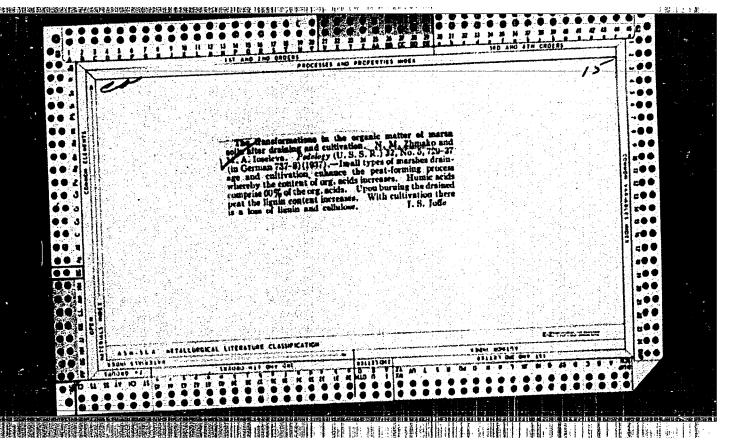
Author : Zhmako N.M., Drozd P.A., Ioseleva M.A.
Inst : Belorussian Polytechnic Institute

Title : On Frost Resistance of Sands Fixed by Chemical Methods

Orig Pub : Sb. nauch. rabot Belorus. politekhn. in-ta, 1956, No 54,

57-62

Abstract: Aqueous solutions of mixtures of sodium silicate and salts of divalent or trivalent metals (for example MgSO<sub>1</sub>), on being introduced into a sandy soil render the latter mechanically strong (critical point on compression up to 8 kg/cm<sup>2</sup>). Replacement of 1/3 MgSO<sub>1</sub> by technical boric acid increases strength of the sandy soil.



SOV/112-58-1-500

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 1,

pp 73-74 (USSR)

AUTHOR: Zhdanov, I. A., and Zhmarev, G. S.

TITLE: New Porcelain Low-Voltage Grain Filler Fuse Cutouts (Novyye farforovyye nizkovol'tnyye nasypnyye predokhraniteli)

PERIODICAL: V sb.: Raboty M-va elektrotekhn. prom-sti SSSR po mekhaniz. i avtomatiz. nar. kh-va, Z. M., 1956, pp 164-166

ABSTRACT: A description, a picture, and a mounting sketch with dimensions are presented of a new line of low-voltage porcelain grain-filler fuse cutouts, PN2 series, manufactured by Kursk Factory of Low-Voltage Equipment for rated currents of 100, 250, 400, and 600 amp. The new fuse cutouts are intended for AC standard-frequency installations up to 500 v, and differ from the older PNR line of the same factory in their smaller size, in procelain-tube construction, contact blades, and fusible links, and also in their higher interrupting rating. The new cutout weighs 27.6-41.8% less than the older type, depending on the current rating. Also, it requires less steel and copper than the

Card 1/2

sov/112-58-1-500

New Porcelain Low-Voltage Grain-Filler Fuse Cutouts

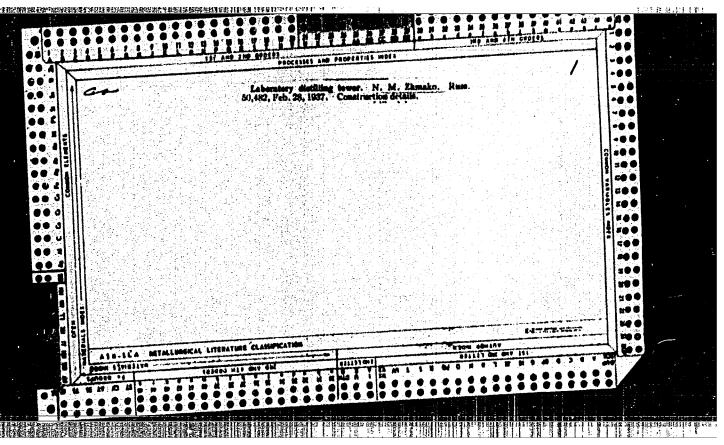
older one. Unlike conventional round cross-section porcelain tubes, the new cutout has a square cross-section tube. Under test conditions, the new cutouts repeatedly interrupted 3-phase currents of 300-27,000 amp rms at 440 v, at power factor 0.12-0.2. The new cutout has a detachable handle for replacing fuse units.

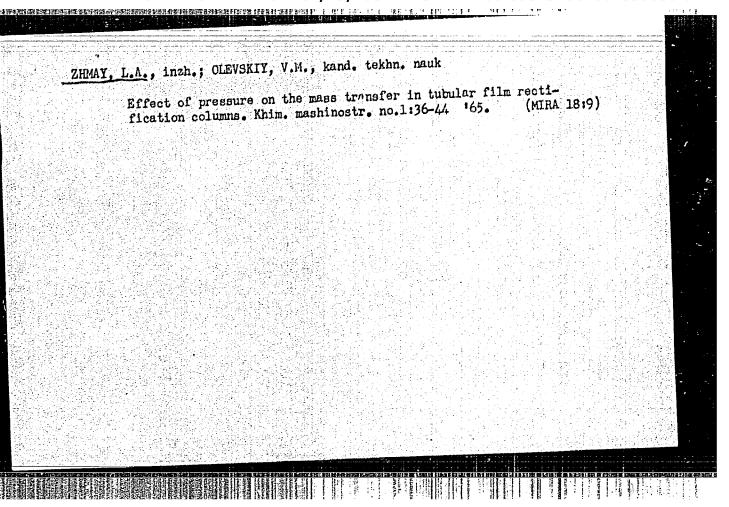
R.S.D.

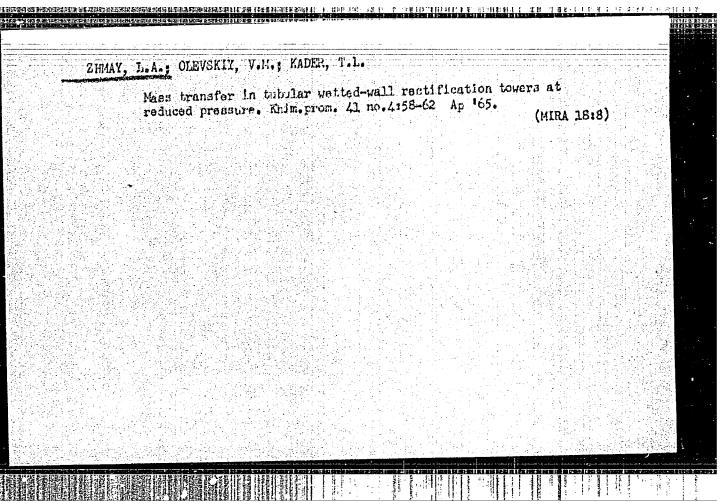
AVAILABLE: Library of Congress

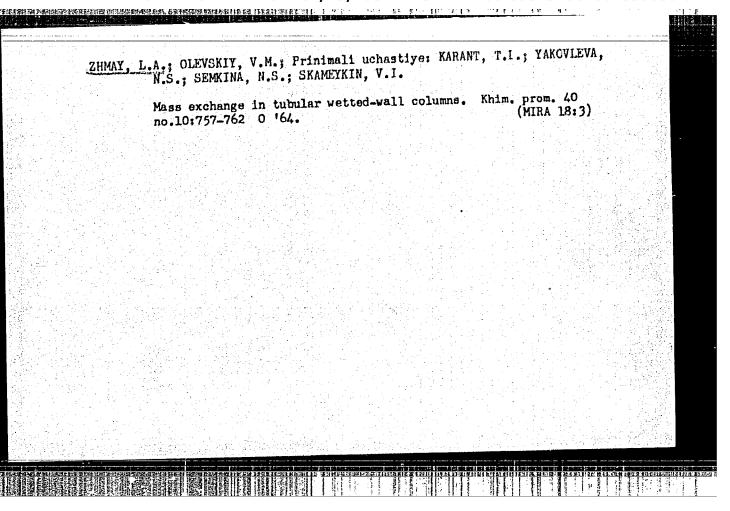
- 2. Electric relays -- Design 1. Fuses (Electrical) -- Performance
- 3. Electric relays -- Test results

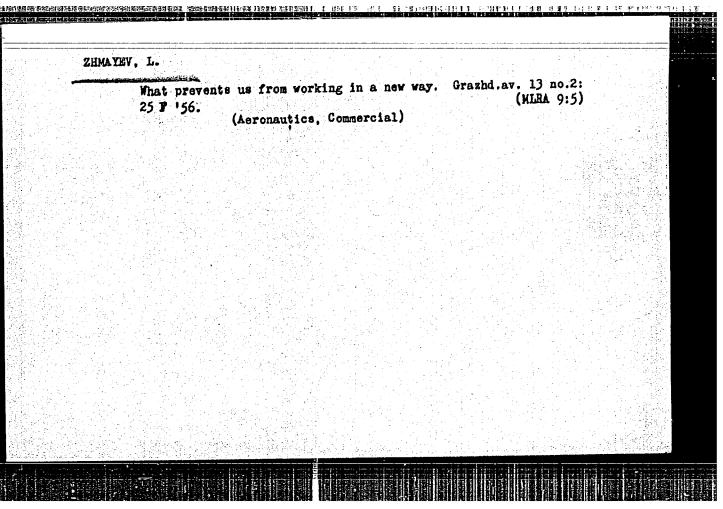
Card 2/2







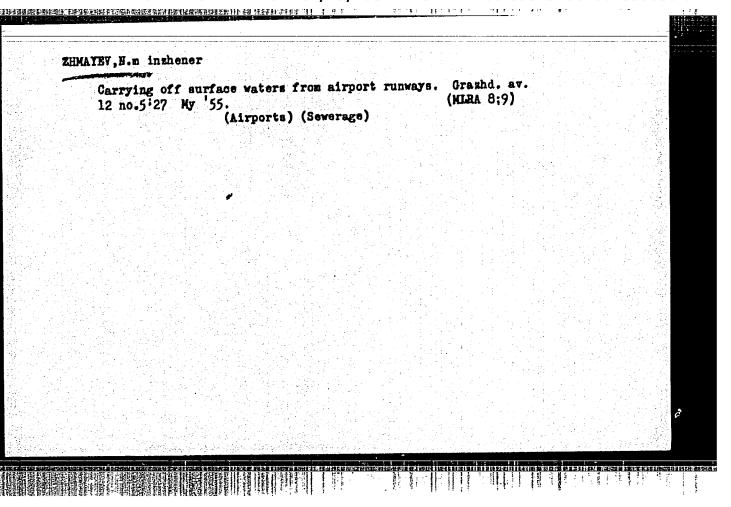




SMCRODINGV, M.I., kand. tekhn. nauk; ZHMAYEV, M.I., inzh.;
FEDOROV, A.N., inzh.

Some problems of the design of machines for cutting frozen
ground, and research objectives. Stroi. i dor. mash. 7 no.4:
14-15 Ap '62.

(Prozen ground) (Earthmoving machinery)



## "APPROVED FOR RELEASE: 07/19/2001

#### CIA-RDP86-00513R002064830008-0

E-5 USSR/Virology - Rickettsias. Ref Zhur - Biol., No 15, 1958; 67007 Abs Jour Kulagin, S.M., Zhmaeva, AiM., Shekhanov, M.V., Pchelkina, Author The Characteristic of Nidus of a Tick Rickettsiose in the Inst Title South-East of Turkmenia. : Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 7, Orig Pub 114-121 The presence of ticks Hyalomma asiaticum naturally infec-Abstract ted by rickettsias was established in one of the districts. The isolated rickettsia strains are pathogenic for guinea pigs, white rats, young white mice (weight not more than 10 grams) and chick embryos. These strains are morphologically close to Dermacentroxenus sibiricus, D. murinum, D. conori and are different from the latter in their case toward polynuclearization. The authors ascribe the Card 1/2 entra and a serial in a constituent de constituent de la la constitue de la co

USSR/Virology - Rickettsias.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67007.

isolated rickettsias to a separate species of the genus
Dermacentroxenus under the name of D. deserti pavlovskyi.
Becuase of the presence under natural environment of hungry
ticks H. asiaticum, infected with rickettsias and the
transovarial transmission of infection, the authors think
that the ticks are carriers.

Card 2/2

ACCESSION NR: AT4033982

5/0000/63/000/000/0037/0041

AUTHOR: Bogdanov, M. N.; Kalmy\*kova, V. D.; Mandrosova, F. M.; Zhmayeva, I. V.; Okromchedlidze, N. P.; Sedy\*kh, N. V.

TITLE: Synthesis and properties of fiber-forming polyalkyleneterephthalamides

SOURCE: Geterotsepnykye vyksokomolekulyarnykye soyedineniya (Heterochain macro-molecular compounds); sbornik statey. Moscow, Izd-vo "Nauka," 1963, 37-41

TOPIC TAGS: synthetic fiber, artificial silk, terephthalic acid, terephthalamide, polyalkylene terephthalamide, Alpha Omega diamine, Kapron

ABSTACT: A large number of polyamides based on terephthalic acid and unbranched \$\times\,\omega\,-\ome

#### ACCESSION NR: AT4033982

H<sub>2</sub>SO<sub>4</sub>. The thermal stability of the resulting fibers was tested by strength loss at 140C. A comparison of the thermodynamic curves of synthesized high-melting monofilaments and polycaproamide filaments showed that the differences in the relative variation of fiber length during heating are relatively small and the maximum difference in the temperature of incipient deformation does not exceed 40C. Fibers made from polyalkyleneterephthalamide, regardless of the much higher melting point, differ only slightly in thermal stability from Kapron fiber. The conditions of preparation and the properties (viscosity, melting points) of various polyalkyleneterephthalamides as well as the spinning conditions and fiber properties (strength, etc.) are tabulated. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: Vsesoyuznyky nauchno-issledovateliskiy institut iskusstvennogo volokna (All-Union Scientific Research Institute of Synthetic Fibers)

SUBMITTED: 15May62

DATE ACQ: 30Apr64

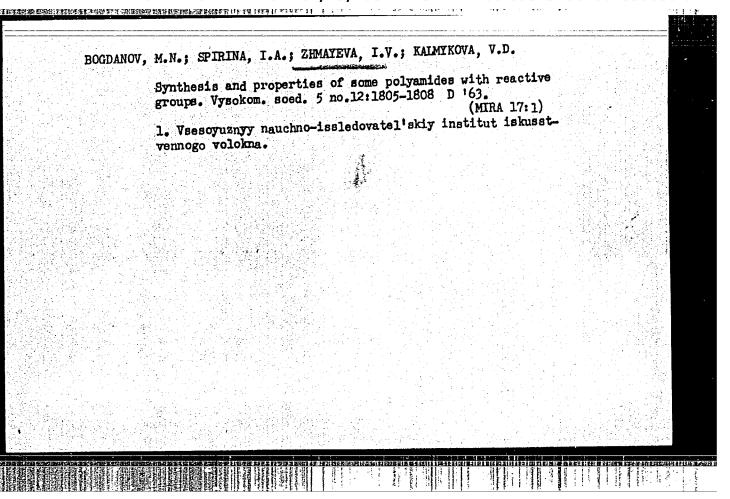
ENCL: 00

SUB CODE: OC, MT

NO REF SOV: 005

OTHER: 014

Card 2/2



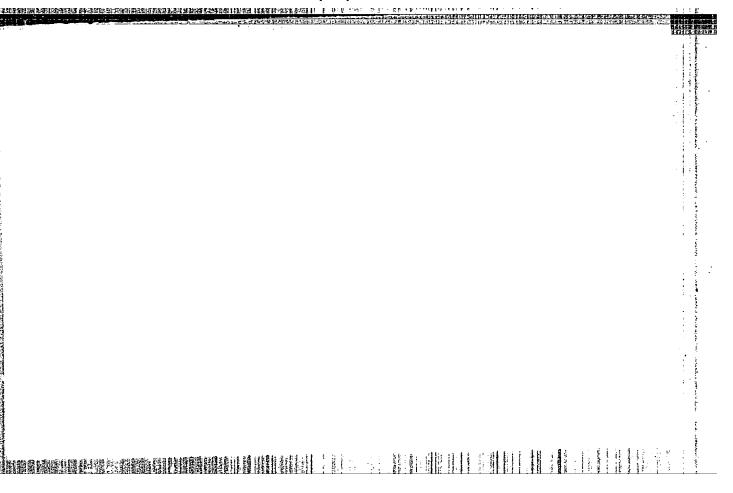
ZHMAYEVA, Z.M.; PCHELKINA, A.A.; KARULIN, B.Ye.

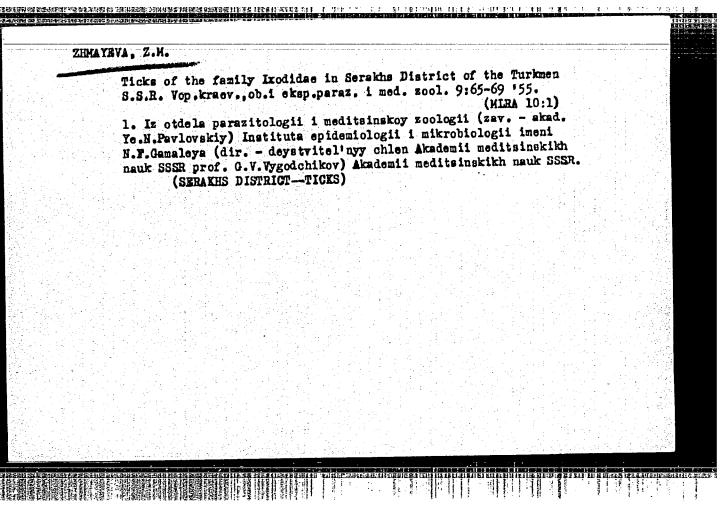
Q-fever in Turkmenistan. Vop.kraev.paraz.Turk.SSR 3:207-213 '62.
(MIRA 16:4)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamaleya
AMN SSSR, Moskva.

(TURKMENISTAN—Q FEVER)







ZHMAYEVA, Z. M., KUCHERUK, V. V., and SIDOROVA, GA.

"Self-Defense Measures of Small Rodents Against the Larva of Ixodidae Ticks."

Proceedings of Inst. Epidem. and Microbiol. im. Gamleya, 1954-56.

Division of Parasitology and Medical Zoology, Pavlovskiy, Yevgeniy Nikanorovich Active Member of Academy of Medical Sciences, USSR, head., Inst. Epidem. and Microbiol. im. Gamleya, AMS USSR.

S0: Sum 1186, 11 Jan 57.

\*\*IUCHERUK, V.V.; SIDCROVA, G.A.; ZHMAYEVA, Z.M.

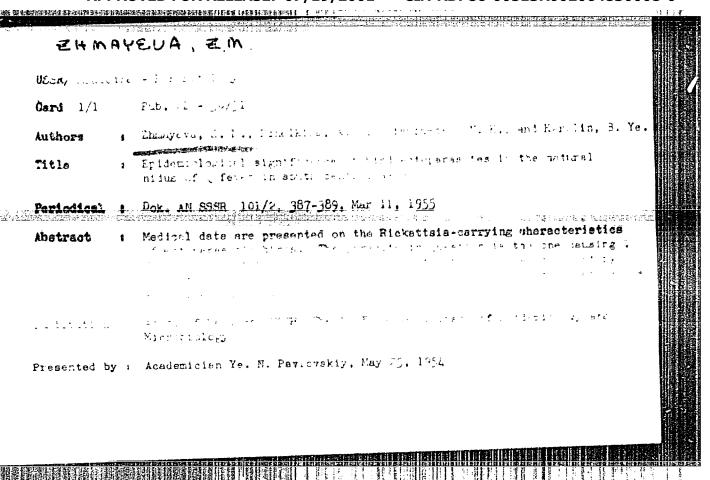
\*\*package and a small rodents from larvae of ixodic ticks.

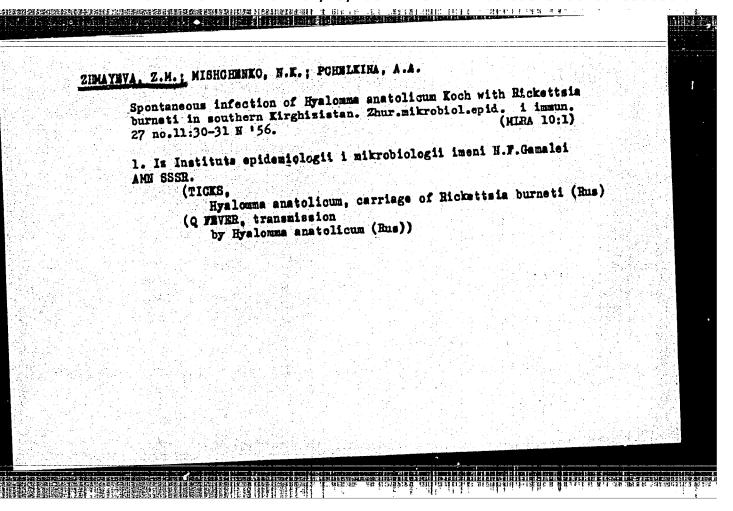
\*\*Zool. shur. 34 no.4:948-950 Jl-Ag '55. (MIRA 8:9)

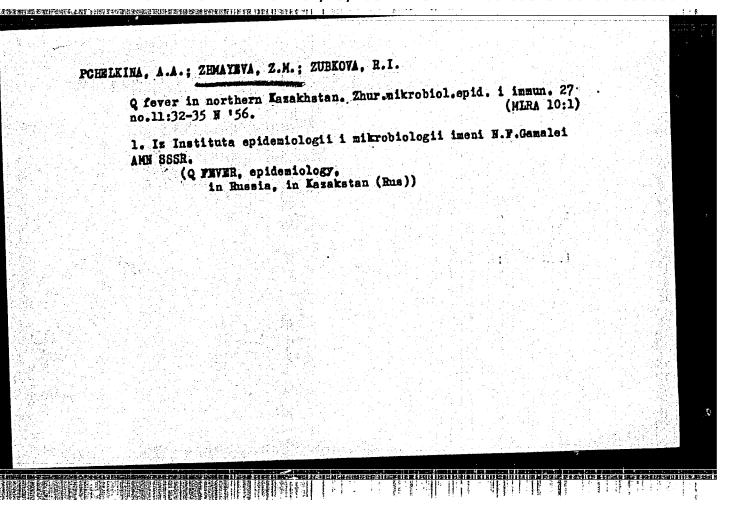
1. Otdel parasitologii i meditsinskoy soologii (sav.Ye.M.Pav-lovskiy) Instituta epidemiologii i mirrobiologii imeni N.F.

\*\*Gameleya Akademii meditsinskith nauk SSSR.\*\*

(Rodentia--Diseases) (Ticks)







TOPA SESTENSIA SERVICE SERVICES

ZHMAYEVA, Z.M.; VOROB'YEV, K.P.; ARRHIPOWA, V.A.

On the distribution of ixedid ticks in Chardshou Province [with English summary in insert]. Zoel, zhur. 35 no. 5:700-704 My '56. (MIRA 9:9)

1.Otdel parasitelogii i meditsinskoy seelegii (zav.-akad.Ye.M.Pavlevskiy)
IEM AMN SSSR imeni M.F.Gamaleya.

(Chardshou Province--Ticks)

ZHMAYEVA, Z.M.; KARULIN, B. Ye.; PCHELKINA, A.A.; SHEKHANOV, M.V.

BECHGEN LINGUESTER EINE SELFEN BEGEREITEN BEGEREITEN BEGEREITEN BEGEREITEN BEFORE FILSEN DE FORMEN DE FORMEN BEGEREITEN B

Mammals as vectors of Rickettsia burneti - the causative agent of Q-fever. Dokl. AN SSSR 109 no.6:1127-1228 Ag '56. (MIRA 9:11)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamaleya Akademii Meditsinskikh nauk SSSR. Predstavleno akademikom Ye.N. Pavlovskim. (KAZAKHSTAN--Q FEVER) (RODENTS AS CARRIERS OF DISEASE)

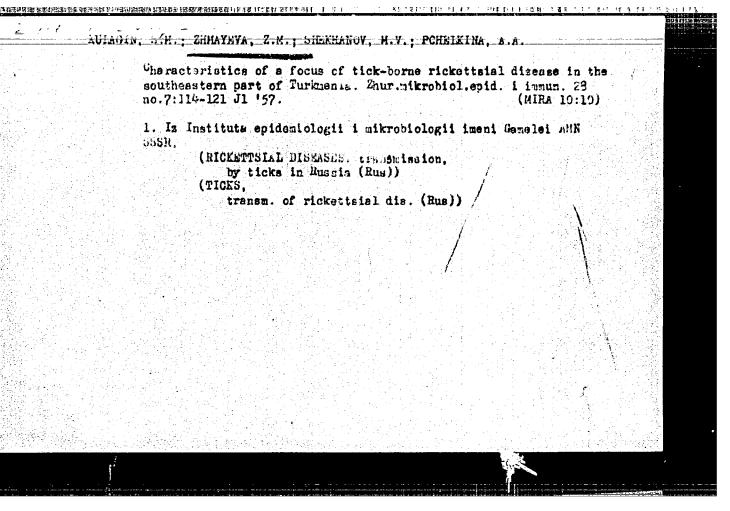
"Domestic Fowl as Carriers of Q Fever Rickettsia in the Turk,
men SER," by Z. M. Zhmayeva and A. A. Pchelkins, Institute of
Epidemiology and Microbiology imeai N. F. Gamaleys, Academy of
Medical Sciences USER, Zhurnal Microbiologii, Epidemiologii, i
Immunobiologii, No 3, Mar 57, H 39-h

The work reports on the discovery of Q fever and its pathogen, R
burneti, in the Turkmen SER by an expedition from the Institute of
Epidemiology and Microbiology under P. A. Petrishchev in 1953. The
pathogen was isolated from human patients, two species of ticks (Hyaloman anatolicum and Ornithodorus tartakovsky), one species of mites
(Leeuwenhoekia major), and two species of sualiks.

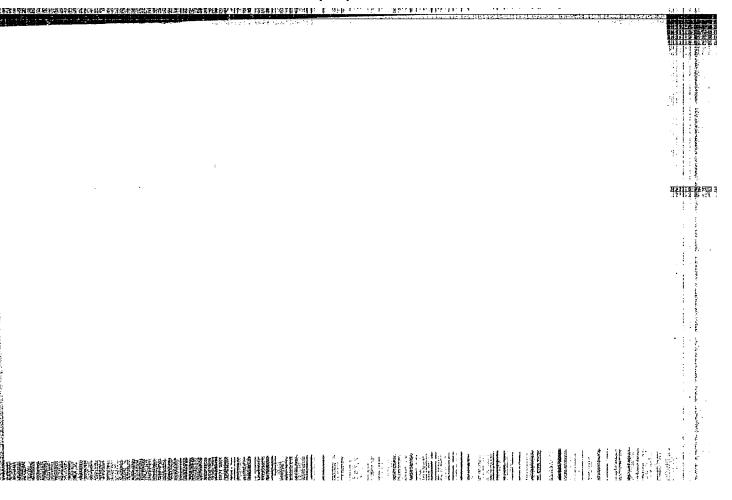
In 1954, studies were made of the epidemiological significance of domestic fowlin a region 70 km southwest of the Amu-Dar where two craes of positive complement fixation reactions had been reported. After elimi nation of any other contacts, the infection was traced to the consumption of raw eggs. Large numbers of the Argas persicus mite were found on the chickens; therefore, to prove the spontaneous carrying of rickettsia by chickens, suspensions of brain and kidney tissues from two roosters were prepared and 4 ml of the suspension injected into the abdominal cavities of two guinea pigs. Within 11 days, both animals developed a fever which lasted 14 days. Experiments were continued with various internal organs of guinea pigs, and examination showed light hyperemia of the lungs, an increase of the spleen to three or four times its normal size, and hyperemia of the kidneys. At the spot where the uspension had been injected subcutaneously into the leg, a serousmorrhagic infiltrate developed. Upon a second passage through the guinea pigs, conglomerates of cocciform rickettsia were found at the injection point.

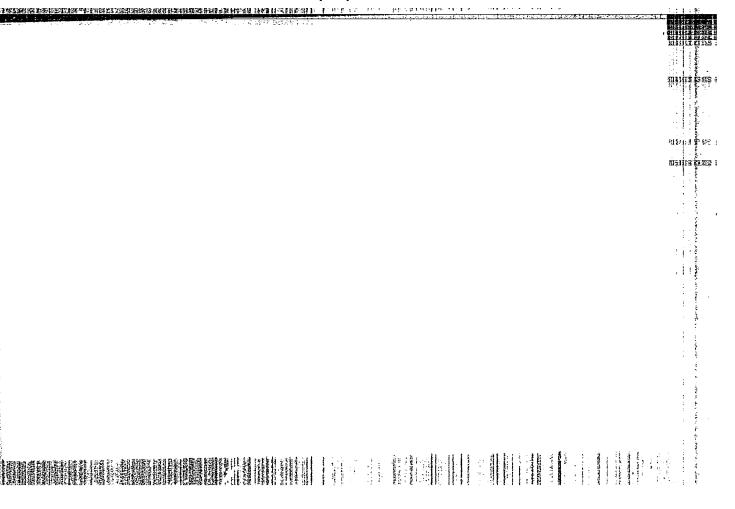
The authors conclude that Q fever can be transmitted through the consumption of raw eggs and that chickens can form a reservoir of the Q fever pathogen. (U)

Sum 1'N 1451









ALEKSANYAN, A.B., prof.; BEZDENEZHNYKH I.S., doktor med. nauk;

BELYAKOV, V.D., doktor med. nauk; BESEMERTNYY, B.S., dokt.

med. nauk; VASHKOV, V.I., prof.; GRCMASHEVSKIY, L.V.

prof.; YELKIN, I.I., prof.; ZHDANOV, V.M., prof.;

ZHMAYEVA, Z.M., kand. biol. nauk; KOVARSKIY, M.S., kand.

med. nauk; NABOKOV, V.A., prof.; NOVOCORODSKAYA, E.M.,

prof.; PAVLOVSKIY, Ye.N., akademik; PETRISHCHEVA, P.A.,

prof.; PERVOMAYSKIY, G.S., prof.; POGODINA, L.N.; ROGOZIN,

I.I., prof.; SUKHOVA, M.N., doktor biol. nauk; CHASOVNIKOV,

A.A., kand. med. nauk; SHATROV, I.I., prof.; SHURAEURA,

B.L., prof.; YASHKUL', V.K., kand. med. nauk;

ZHUKOV-VEREZHNIKOV, N.N., prof., otv. red.; BOLDYREV, T.I.,

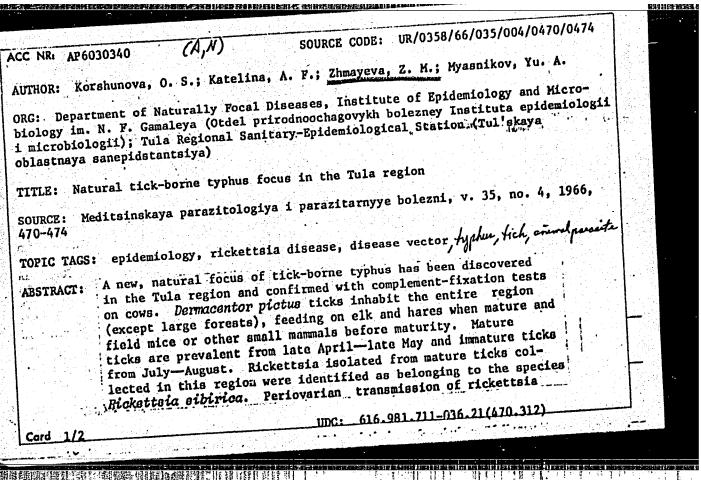
prof., red.; ZASUKHIN, D.N., doktor biol. nauk, red.;

KALINA, G.P., red.

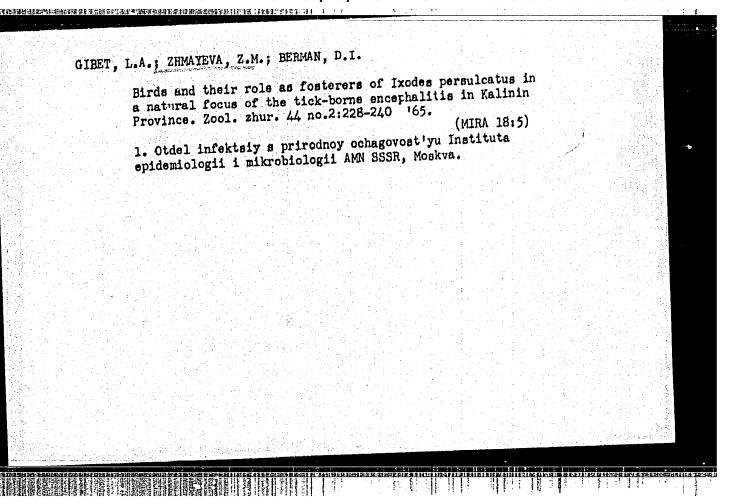
[Multivolume manual on the microbiology, clinical aspects and epidemiology of communicable diseases] Mnogotomnoe rukovodstvo po mikrobiologii, klinike i epidemiologii infektsionnykh boleznei. Moskva, Meditsina. Vol.5. 1965. 548 p. (MIRA 18:3)

1. Deystvitel nyy chlen AMN SSSR (for Aleksanyan, Gromashevskiy, Zhdanov, Zhukov-Verezhnikov). 2. Chlenkorrespondent AMN SSSR (for Rogozin, Boldyrev).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064830008-0"

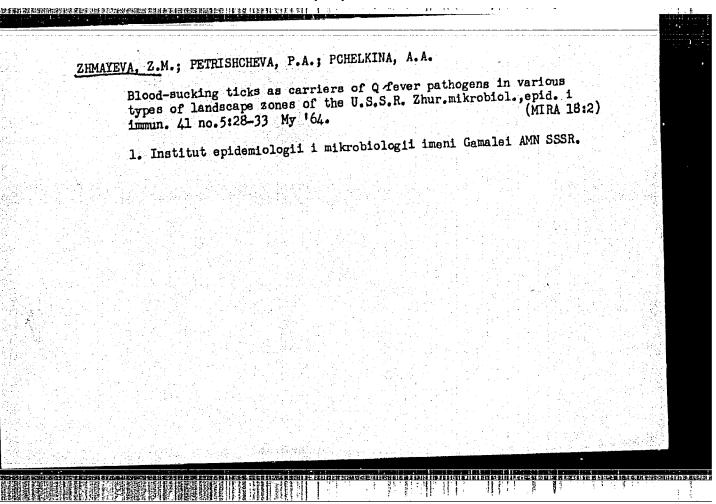


estering of	during tick metamorphosis was established. Complement-fixing antibodies to Rickettsia sibirica were found in only 2 of 50 Tula inhabitants tested, which agrees with the normally rare infestation of man by Dermacentor pictus. [WA-50; CBE No. 12]	
SUB CODE	06/ SUBM DATE: 02Sep65/ ORIG REF: 008/	



#### "APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830008-0



CIA-RDP86-00513R002064830008-0"

APPROVED FOR RELEASE: 07/19/2001